

IN THE DRAWINGS:

Please replace original drawing sheets of Figures 7-11 with replacement drawing sheets of Figures 7-11. In particular, Figures 7-10 have been amended to clarify that there is no return wire as indicated by the end of the coil being connected to terminal 13. Support can be found in paragraph [0043] of the originally filed specification. As no new matter has been entered, Applicants respectfully request that the replacement sheets of drawings be entered.

REMARKS

Summary of Office Action

Claim 10 stands rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Horbach (US Pat. No. 3,668,586) in view of Figure 1 of the conventional art disclosed by the applicants.

Claims 11-17 are rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Horbach in view of Figure 1 of the conventional art disclosed by the applicant, further in view of Kawano et al. (US Pat. No. 5,736,917).

Summary of Amendment

Independent claims 10 and 14 have been amended. No new matter has been added. Claims 1-19 are pending in this application, of which claims 1-9 and 18-19 have been withdrawn from consideration.

All Claims Comply With 35 U.S.C. §103

Claim 10 stands rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Horbach (US Pat. No. 3,668,586) in view of Figure 1 of the conventional art disclosed by the applicant and claims 11-17 are rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Horbach in view of Figure 1 of the conventional art disclosed by the applicant, further in view of Kawano et al. (US Pat. No. 5,736,917). Applicants respectfully traverse these rejections.

Independent claims 10 and 14, as amended, recite, in part, a coil “connected to two lead pins at a primary side and a secondary side without using a return wire.” Support for this recitation can be found on page 9, paragraphs [0042] and [0043], for example, and clarified in

replacement sheets of drawing Figures 7-10. The primary reference, Horbach, is silent as to the internal structure of the coil 10 and its connection to pins 16. The conventional art of Figure 1, as disclosed in the present application, is connected to lead pin 3 by way of a return wire 2c. (See page 4, paragraph [0009]; FIGs. 3 and 4.) Kawano et al., relied on only to show how the coil is wound on a bobbin, is also silent as to the connection between the coil and lead pins. Therefore, Applicants respectfully submit that Horbach, Kawano et al., and the conventional art of Figure 1, whether taken individually or in combination, fail to teach a transformer comprising a coil “connected to two lead pins at a primary side and a secondary side without using a return wire” as recited in amended independent claims 10 and 14.

Claims 11-13 and 15-17 depend from independent claims 10 and 14, respectively. Therefore, Horbach, Kawano et al., and the conventional art of Figure 1, whether taken individually or in combination, also fail to teach the recited features in these claims for at least the reasons stated above.

CONCLUSION

In view of the foregoing, reconsideration and timely allowance of the pending claims are respectfully requested. Should the Examiner feel that there are any issues outstanding after consideration of the response, the Examiner is invited to contact the Applicants’ undersigned representative to expedite prosecution.

If there are any other fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-0310. If a fee is required for an extension of time

under 37 C.F.R. 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

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By: 

Kyle J. Choi

Reg. No. 41,480

Customer No.: 009626
MORGAN, LEWIS & BOCKIUS LLP
1111 Pennsylvania Avenue, N.W.
Washington, D.C. 20004
Telephone: 202.739.3000
Facsimile: 202.739.3001